

ABSTRACT

A laser weldable PBT-series resin composition comprises a polybutylene terephthalate (PBT)-series resin (A), and at least one resin (B) selected from the group consisting of a polycarbonate-series resin (b1), a styrenic resin (b2), a polyethylene terephthalate-series resin (b3) and an acrylic resin (b4). The PBT-series resin (A) may be a PBT homopolyester, or a PBT-series copolymer modified with not more than 30 mol% of a copolymerizable monomer (e.g., a bisphenol compound or an adduct thereof with an alkylene oxide, and an asymmetrical aromatic dicarboxylic acid). The ratio (weight ratio) of the resin (B) relative to the PBT-series resin (A) [the former/the latter] is about 0.1/1 to 1.5/1. The resin composition may comprise a glass fiber. The resin composition is excellent in laser weldability, and can improve in welding strength of a shaped article formed from the resin composition.